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At page 3, line 12, change "nomemclature" to --nomenclature--.

At page 4, line 5, change "N-acetylgalacto" to --N-acetylgalactosaminyl--.

At page 4, line 7, change "N-acetylgluco" to --N-acetylglucosaminyl--.

In the Claims:

Please cancel claims 1-11, 21, 22, 32-43, and 54 without prejudice or disclaimer.

Please add the following new claims 59-97:

1 59. (New) A method for *in vitro* sialylation of terminal galactose residues
2 present on a glycoprotein, said method comprising contacting said glycoprotein with a reaction
3 mixture that comprises a sialyltransferase, wherein the sialyltransferase is a bacterial
4 sialyltransferase, a sialic acid donor moiety, and other reactants required for sialyltransferase
5 activity, for a sufficient time and under appropriate conditions to transfer sialic acid from said
6 sialic acid donor moiety to said terminal galactose residues, wherein a greater percentage of
7 terminal galactose residues are sialylated compared to an unaltered glycoprotein.

1 60. (New) The method of claim 59, wherein at least 80% of the terminal
2 galactose residues present on the glycoprotein are sialylated.

1 61. (New) The method of claim 60, wherein at least 90% of the terminal
2 galactose residues present on the glycoprotein are sialylated.

1 62. (New) The method of claim 59, wherein the terminal galactose residues
2 comprise one or more saccharides selected from the group consisting of Gal β 1,4GlcNAc,
3 Gal β 1,4GalNAc, Gal β 1,3GalNAc, Gal β 1,3GlcNAc, Gal β 1,3Ara, Gal β 1,6GlcNAc, and
4 Gal β 1,4Glc.

1 63. (New) The method of claim 62, wherein the terminal galactose residues
2 comprise Gal β 1,4GlcNAc or Gal β 1,3GlcNAc.

1 64. (New) The method of claim 63, wherein at least 80% of the terminal
2 Gal β 1,4GlcNAc residues present on the glycoprotein are sialylated.

1 65. (New) The method of claim 63, wherein at least 80% of the terminal
2 Gal β 1,3GlcNAc residues present on the glycoprotein are sialylated.

1 66. (New) The method of claim 59, wherein the terminal galactose residues are
2 present on an O-linked oligosaccharide.

1 67. (New) The method of claim 59, wherein the terminal galactose residues are
2 present on an N-linked oligosaccharide.

1 68. (New) The method of claim 59, wherein the sialyltransferase includes a
2 sialyl motif which has an amino acid sequence that is at least about 40% identical to a sialyl
3 motif from a sialyltransferase selected from the group consisting of ST3Gal I, ST6Gal I, and
4 ST3Gal III.

1 69. (New) The method of claim 68, wherein the sialyltransferase is an ST3Gal
2 III.

1 70. (New) The method of claim 69, wherein the sialyltransferase is a rat
2 ST3Gal III.

1 71. (New) The method of claim 68, wherein the sialyltransferase is an ST3Gal
2 IV.

1 72. (New) The method of claim 68, wherein the sialyltransferase is an ST6Gal
2 I.

1 73. (New) The method of claim 68, wherein the sialyltransferase is an ST3Gal
2 I.

1 74. (New) The method of claim 59, wherein the bacterial sialyltransferase has
2 an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Neisseria*
3 *meningitidis* 2,3-sialyltransferase.

1 75. (New) The method of claim 74, wherein the bacterial sialyltransferase is a
2 *Neisseria meningitidis* 2,3-sialyltransferase.

1 76. (New) The method of claim 73, wherein the bacterial sialyltransferase has
2 an amino acid sequence which is at least 50% identical to an amino acid sequence of a
3 *Photobacterium damsela* 2,6-sialyltransferase.

1 77. (New) The method of claim 76, wherein the bacterial sialyltransferase is a
2 *Photobacterium damsela* 2,6-sialyltransferase.

1 78. (New) The method of claim 59, wherein the bacterial sialyltransferase has
2 an amino acid sequence which is at least 50% identical to an amino acid sequence of a
3 *Haemophilus* 2,3-sialyltransferase.

1 79. (New) The method of claim 78, wherein the sialyltransferase is a
2 *Haemophilus* 2,3-sialyltransferase.

1 80. (New) The method of claim 59, wherein the bacterial sialyltransferase has
2 an amino acid sequence which is at least 50% identical to an amino acid sequence of a
3 *Campylobacter jejuni* 2,3-sialyltransferase.

1 81. (New) The method of claim 80, wherein the sialyltransferase is a
2 *Campylobacter jejuni* 2,3-sialyltransferase.

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82. (New) A method for altering the glycosylation pattern of a glycoprotein *in vitro*, the method comprising contacting a glycoprotein-linked saccharide with a galactosyltransferase in the presence of UDP-galactose under suitable conditions for the galactosyltransferase to transfer a galactose residue from the UDP-galactose to the saccharide to form a galactosylated saccharide.

83. (New) The method of claim 82, wherein the galactosylated saccharide comprises one or more saccharides selected from the group consisting of Gal β 1,4GlcNAc, Gal β 1,4GalNAc, Gal β 1,3GalNAc, Gal β 1,3GlcNAc, Gal β 1,3Ara, Gal β 1,6GlcNAc, and Gal β 1,4Glc.

84. (New) The method of claim 82, wherein the glycoprotein-linked saccharide comprises a compound of the formula GlcNR' β (1 \rightarrow 3)Gal β -OR, wherein:

R is selected from the group consisting of an amino acid, a saccharide, an oligosaccharide or an aglycon group having at least one carbon atom; and

R' is acetyl.

85. (New) The method of claim 82, wherein the glycoprotein comprises a moiety derived from an immunoglobulin.

86. (New) The method of claim 85, wherein the immunoglobulin is an IgG.

87. (New) The composition of claim 82, wherein the glycoprotein is a chimeric protein.

88. (New) The composition of claim 87, wherein the chimeric protein comprises a moiety derived from an immunoglobulin.

1 89. (New) The method of claim 82, wherein the method further comprises
2 contacting the galactosylated saccharide with a sialyltransferase in the presence of CMP-sialic
3 acid under conditions in which the sialyltransferase catalyzes the transfer of a sialic acid residue
4 from the CMP-sialic acid to the galactosylated saccharide.

1 90. (New) The method of claim 89, wherein the galactosylating and the
2 sialylating steps are carried out in a single reaction vessel.

1 91. (New) The method of claim 90, wherein the galactosylating and the
2 sialylating steps are carried out simultaneously.

1 92. (New) The method of claim 90, wherein the sialyltransferase is added after
2 the galactosyltransferase reaction has neared completion.

1 93. (New) A composition comprising a glycoprotein which comprises an N-
2 linked or O-linked oligosaccharide, wherein at least about 80% of the terminal oligosaccharides
3 comprise NeuAc α 2,3Gal β 1,4GlcNAc, NeuAc α 2,3Gal β 1,3GlcNAc, NeuAc α 2,6Gal β 1,4GlcNAc,
4 or NeuAc α 2,6Gal β 1,3GlcNAc.

1 94. (New) The composition of claim 93, wherein the glycoprotein comprises a
2 moiety derived from an immunoglobulin.

1 95. (New) The composition of claim 94, wherein the immunoglobulin is an
2 IgG.

1 96. (New) The composition of claim 93, wherein the glycoprotein is a chimeric
2 protein.

1 97. (New) The composition of claim 96, wherein the chimeric protein
2 comprises a moiety derived from an immunoglobulin.

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